

ALLMETAL™

The Cleaire Allmetal is specifically designed to provide cost-effective diesel particulate (PM) reduction for in-use diesel engines operating in off-road applications.

- Pending CARB verification to Level 3+ (>85%) compliance for PM
- Designed for higher horsepower engines (300-600 hp)
- Pending verification, eligible for local, state and federal funding programs
- The practical alternative to vehicle replacement
- Durable state-of-the-art stainless steel technology
- Industry leading advanced system monitoring, diagnostics and data retrieval

The Allmetal is managed by Cleaire's proprietary MLC® which monitors system parameters. The MLC also logs the monitored parameters for later retrieval and analysis.

Cleaire uses only the highest quality materials, including all stainless steel construction and a robust silicon carbide diesel particulate filter for enhanced durability. Additionally, numerous inlet/outlet end cone configurations are available for installation ease.

Allmetal's modular design facilitates service and de-ashing of the diesel particulate filter. The reusable metal seal and band clamp design provides quick turn around for maximum up time.

The Cleaire Allmetal balances the need for cleaner air with the demanding requirements of real-world off-road diesel applications and the need to maximize the economic life cycle of your equipment while avoiding costly replacement.



ALLMETAL Quick Specs

Filter Type	Passive diesel particulate filter
CARB Verification ¹ > Engine PM Limit	Pending
CARB Verification ¹ > Engine Model Years	Pending
CARB Verification ¹ > Engine Displacement	Pending
CARB Exclusions	Pending
Typical Applications	High Horsepower: loaders, dozers, scrapers, graders, excavators, cranes and other construction equipment
PM Reduction	Greater than 85% (Level 3+)
NOx Reduction	None
Fuel Compatibility	ULSD / Up to B20
Exhaust Temperature Requirement	260° C for at least 25% time
Regeneration Type	Passive
Regeneration Time	n/a
Engine Run Time Between Regenerations	n/a
Eligible for Local, State and Federal Funding Programs	Pending Verification
Dimensions	44" (L) x 16" (W)
Shipping Weight	170 lbs.
¹ Check verification for specific application criteria and requirements. ² Based on engine condition, maintenance practices and duty cycle. NOTE: Product specifications are for reference only and may vary or change without notice.	

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Filter Module



Catalyst Module

